



Packing and Plunger Grease Improvement

MSI Technical Bulletin 028

Subject: Fluid End Packing and Plunger Grease

In September of 2013, MSI implemented a change to the grease we test and recommend for use in our electric and pneumatic lubrication systems. The previous grease contained a clay filler that when stored for a prolonged period of time would separate and disrupt the flow of the systems. The improved green formula eliminates the filler thus preventing the concern of suspended flow. We have also updated the label of the new grease so it is easily discernible from the old. It will either be labeled GREASE001-PAIL(40 lb.) or GREASE001-TUBE(14 oz.).

HIGH TEMPERATURE **GREASE001-PAIL** **GREASE001-TUBE**

MSI

PLUNGER GREASE

Plunger Grease is a premium, multipurpose grease for use on both high and low temperature applications. Plunger Grease is suitable for a variety of applications when mechanical shear resistance is a requirement. It is water resistant and contains inhibitors for protection against rust and oxidation. Plunger Grease is made with LIOULDIP® for increased lubricity allowing easy sliding, thereby using less electricity to run machines and tools.

Areas of application include high temperature industrial machine parts, farm equipment, automotive engine parts, and construction equipment. Service companies apply Plunger Grease as a supplement for valve gaskets and packing and as a lubricant for equipment subject to high temperature operation. It is used extensively in the oilfield for general lubrication of rig equipment, downhole tools, and instruments.

KEEP OUT OF REACH OF CHILDREN
Read entire label and MSDS before using this product

Shelf Life (unopened container): Two years
Storage: Do not store with strong oxidizers. Avoid exposure to extreme temperatures.

FOR COMPLETE SAFETY INFORMATION, REFER TO MSDS

MSI

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361-664-6597 | 800-242-0059
www.diwmsi.com

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CAUTION: Avoid contact with eyes. Do not inhale or ingest.	Health	1
Flammable liquids-vapor irritation with prolonged or repeated contact. Irritation on ingestion - may cause emphysema.	Flammability	1
Prehaz: Eyes and Skin - Flush with water for 15 minutes. If irritation persists, seek medical attention.	Reactivity	1
Reactivity: Do NOT induce vomiting. Seek immediate medical attention.	Personal Protection	B
Disposal: Comply with local, state, and federal environmental regulations.	PERSONAL PROTECTION	B

NEW

HIGH TEMPERATURE **MSI** **FILM-FORMING NLGI 2**

PLUNGER GREASE

Read entire label and MSDS before using this product

Plunger Grease is a water resistant, non-soap grease that forms a lubricating film, preventing metal-to-metal contact and reducing temperatures. It is excellent for temperatures up to 400°F (204°C) and is resistant to oil separation.

Areas of application include high temperature industrial machine parts, farm equipment, automotive engine parts, and construction equipment. Service companies apply Plunger Grease as a supplement for valve gaskets and packing and as a lubricant for equipment subject to high temperature operation. It is used extensively in the oilfield for general lubrication of rig equipment, downhole tools, and instruments.

Shelf Life (unopened container): Two years
Storage: Do not store with strong oxidizers. Avoid exposure to extreme temperatures.

KEEP OUT OF REACH OF CHILDREN **FOR INDUSTRIAL USE ONLY**

CAUTION: Avoid contact with eyes. Do not ingest.

First Aid: Eyes - Flush with water for 15 minutes.
Skin - Wash with soap and water prior to eating and smoking.
Response: Do NOT induce vomiting. Seek immediate medical attention.
Disposal: Comply with local, state, and federal environmental regulations.

FOR COMPLETE SAFETY INFORMATION, REFER TO MSDS

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Health	1
Flammability	1
Reactivity	0
Personal Protection	B

OLD

You may contact an MSI representative at sales@diwmsi.com or engineering@diwmsi.com if you have any further questions or concerns.

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